

Bentley Descartes CONNECT Edition
ContextCapture Editor CONNECT Edition
Platform

2D Constraints and 2D parametric cells	✓	✓
2D creation, manipulation and modification tools	✓	✓
3D Solid Modeling Tools	✓	✓
3D Surface Modeling Tools	✓	✓
Design History	✓	✓
Geographic Coordinate systems	✓	✓
Import and Export of standard formats (OBJ, FBX...)	✓	✓
Mesh tools (Mesh Retouching)	✓	✓
Named Boundaries, Drawing Boundaries and Place Label	✓	✓
Named Expressions, MDL apps and Macros	✓	✓
Photo Navigation	✓	✓
Point Cloud Visualization	✓	✓
Publish to i-models and 3D PDF	✓	✓
Raster Visualization	✓	✓
Reality Mesh Visualization	✓	✓
Reference (DGN, DWG...)	✓	✓
Streaming from ProjectWise ContextShare	✓	✓
Tables, Reports, Databases and Item Types	✓	✓
Advanced Rendering (Luxology)	✓	✓
Animation	✓	✓
Batch Convert	✓	✓
Batch Processing	✓	✓
Clash Detection	✓	✓

Reality Mesh Processing

Export Terrain	✓	✓
Feature Extraction	✓	✓
Ground Extraction	✓	✓
Model by Section	✓	✓
Quick Ground Extraction	✓	✓
Real-time Mesh Classification	✓	✓
Sections	✓	✓
Upload to ProjectWise ContextShare	✓	✓
Volume Calculation	✓	✓

Point Cloud Processing

3D Line Following	✓	✓
Classification Editing	✓	✓
Clips	✓	✓
Colorize from Orthophoto	✓	✓
Extract Piping Features	✓	✓
Feature Extraction	✓	✓
Ground Extraction and Ground Classification	✓	✓
Sections	✓	✓
Model by Section	✓	✓
Presentation Styles Management	✓	✓
Smart Snap & Visual Explorer	✓	✓
Tile Export	✓	✓

Scalable Terrain Modeling

Clips	✓	✓
Contours Extraction	✓	✓
Feature Extraction	✓	✓
Generation from 2.5 D Sources	✓	✓
Image Draping	✓	✓
Raster DEM Extraction	✓	✓
Terrain Model Extraction	✓	✓
Viewshed	✓	✓
Visualization	✓	✓

DEM / DSM

Thematic Display Management	✓	✓
Visualization	✓	✓

Image Processing

Combine Raster Mosaics	✓	✓
Orthophoto Generation	✓	✓
Visualization	✓	✓
Mosaicking tools	✓	✓
Raster Editing tools	✓	✓
Registration tools	✓	✓

Hybrid Raster / Vector

Visualization	✓	✓
Raster to Vector Conversion	✓	✓
Vector to Raster Conversion	✓	✓